



Virtual Asynchronous

Have students watch the [video](#) walkthrough of the lesson presentation slides. Students will follow along using the digital manipulatives by themselves while watching the video. Students should pause the video at 2:28 to complete the first challenge. Students can complete challenge 2 after watching the rest of the video. The challenge directions are on the slides, so the activity guide is not needed. Students are asked to share their challenge slides with a partner. Students should be assigned partners. Partners could coordinate a time to work on the slides together or partners could share asynchronously.

Teacher Prep:

If using, share the [Digital Manipulatives and Activity Guide](#) slides with each of your students.

Async walk-through [video](#)



Virtual Synchronous

Run the lesson as indicated on your video call. If physical manipulatives are not available, share the digital manipulative slides with students. The slides also include the activity guide challenges to be completed. After completing each challenge have some students share how the challenge went.

If Breakout Rooms are available, put pairs of students in rooms to work on the challenges on [slide 13](#) and [slide 23](#). Students can share their activity guide slides or share their screens when asked to share with a partner.

If Breakout Rooms are not available, assign students a partner to share their activity guide slides with for the challenges on [slide 13](#) and [slide 23](#).

Teacher Prep:

If using, share the [Digital Manipulatives and Activity Guide](#) slides with each of your students.



Socially-Distanced Classroom

Run the lesson as indicated using actual manipulatives for each student and the printed activity guide.

If passing envelopes between students is unadvised, students could use the digital manipulatives and activity guide.

Teacher Prep:

If using, share the [Digital Manipulatives and Activity Guide](#) slides with each of your students.

